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# CDF QCD Meeting

March 21, 2003

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CDF Theater      8:30 – 11 am

## Agenda

① Jay & Mario      News and Announcements      (10')

### Run 1

② Niccolo Moggi       $K_s^0$  and  $\Lambda^0$  Production in Min Bias Events      (20')

(REBLESSING A FEW PLOTS)

③ Sasha Pronko      Charged Particle Multiplicities in Jets      (20')

(REBLESSING A FEW PLOTS)

### Run 2

④ Rob Snihur      News from La Thuile      (15')

⑤ Soushi Tsuno       $W$  + Jets Studies      (30')

⑥ Rick Field      Underlying Event Studies      (PREBLESSING)      (45')

*Next QCD Meeting: Friday, April 4*

# Upcoming QCD Conference Talks

- **Moriond QCD**      Les Arcs, France, March 22–29  
QCD Physics at CDF (Plenary)      **Speaker: Michele Gallinaro**
- **APS/DPF**      Philadelphia, April 5–8
  - ① **Sasha Pronko**      Measurement of Charged Particle Multiplicities  
in Gluon and Quark Jets at CDF
  - ② **Igor Gorelov**      Three-Jet Production Cross Section Measurement at CDF
  - ③ **Koji Terashi**      Run II Diffractive Measurements at CDF
  - ④ **Giuseppe Latino**      Run 2 Inclusive Jet Cross Section at CDF
- **DIS 2003**      St. Petersburg, Russia, April 23–27
  - Jet and Multijet Cross Sections      **Speaker: Anwar Bhatti**
  - Diffractive Physics at CDF      **Speaker: Koji Terashi**
  - Underlying Event      **Speaker: Stefano Lami**
- **CIPANP**      New York, NY, May 19–24  
Diffractive Physics      **Speaker to be decided soon**
- **QCD@Work 2003**      Conversano, Italy, June 14–18  
Hadron Physics at CDF      **Speaker to be decided soon**
- **EPS 2003**      Aachen, Germany, July 17–23      **⇐ First Summer Conference!**  
\*\*\* Abstracts due May 4 \*\*\*

# Upcoming Workshops and Conferences

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- CDF/D0/Theory MC / Matrix Element Tuning Workshop (PART III)  
Fermilab, One-West, April 29–30
- LHC 2003 Physics and Detectors Workshop  
Fermilab, May 1–3 \*\*\* Register by April 1 \*\*\*  
  
See <http://conferences.fnal.gov/lhc2003/index.html>
- CTEQ/IFAE Summer School on QCD Analysis and Phenomenology  
Catalonia, Spain, May 22–30 \*\*\* Apply by April 1 \*\*\*  
  
See <http://www.phys.psu.edu/~cteq/schools/summer03/>
- Les Houches Workshop: Physics at TeV Colliders  
Les Houches, France, May 26–June 6 (Registration Closed)  
  
See <http://wwwlapp.in2p3.fr/conferences/LesHouches/Houches2003/>
- Small- $x$  and Diffractive Physics  
Fermilab, Sep 17–20  
More information soon...
- Workshop on Collider Physics  
Santa Barbara, Jan 12, 2004 – Apr 2, 2004 \*\*\* Apply by April 30 \*\*\*  
  
See <http://www.itp.ucsb.edu/activities/collide04/?id=274>

# QCD Plans

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The **QCD Jet Subgroup** continues to meet on *Off-week Fridays* from 11:30am – 1pm in **Trailer 159**.

The QCD conveners and subgroup leaders are developing a plan for the summer conferences and beyond.

Some key questions:

- Which analyses do we emphasize for the Summer Conferences?
- What is the list of issues that must be resolved before we bless updated results?
- How can we participate most efficiently in understanding the calorimeter?  
Jet corrections?

We must continue to press swiftly forward — everyone's involvement is crucial!

If you have comments, ideas, or specific analysis plans, please e-mail Mario & Jay...

# Other News

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The public **QCD Web pages** badly need updating. (The same is true of many CDF web pages.) Mario and I will be working on this, and will be contacting people as needed to help with the content. We need to centralize assorted information (e.g. plots, tables) that are on private web pages.

**Joint Physics Meeting, CDF Theater, 11:30 – 1:00 pm**

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|----------------------------------|--------------------|-----------|
| ① Momentum Scale Calibration     | <b>BLESSING</b>    | A. Kotwal |
| ② Combined CDF/D0 Run 1 $W$ Mass | <b>PREBLESSING</b> | A. Kotwal |